

Final Report

Targeted Runoff Management Grant Program and Urban Nonpoint
Source and Storm Water Management Grant Program

Form 3400-189 (R 6/08)

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Notice: This final report is authorized by ss. 281.65 and 281.66, Wis. Stats., and chs. NR 153 and NR 155, Wis. Adm. Code. Personally identifiable information collected will be used for program administration and may be made available to requesters as required under Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

Instructions: Your grant agreement requires you to submit a Final Report 60 days after the end date listed in the grant agreement. This Final Report form must be used in conjunction with the "FINAL REPORT INSTRUCTIONS." The instructions detail how to complete and submit the report to DNR. The DNR prefers that Final Reports be submitted in electronic format. If, however, printed copies of Final Reports are submitted, please submit three (3) complete originals to your regional Nonpoint Coordinator.

1. Grant Type -- Please check one.

☐ Targeted Runoff Management Grant -- Agricultural

☐ Targeted Runoff Management Grant -- Urban

☐ Urban Nonpoint Source & Storm Water Management Grant --
Construction

☒ Urban Nonpoint Source & Storm Water Management Grant --
Planning

2. Grantee & Project Information

Project Name Stormwater Utility Creation	Grant Number USP - SP14-23161-06
Governmental Unit Name Village of New Glarus	Primary Watershed Name and Watershed Code Sugar Pecatonica Watershed
Nearest Water Body Name	Nearest Water Body Identification Code (WBIC) (if applicable)
DNR Water Management Unit (River System) Name Little Sugar River	s. 303 (d) Listed Waterbody? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.

What pollutant(s) were addressed by the project (e.g., nitrogen, phosphorus, sediment, thermal control, etc.)?

The project provided a dedicated funding source to address sediment and other nonpoint source pollutants

For each project site location provide the following: (attach additional sheets if necessary)

Location:		A	B	C	D	E
Minor Civil Division Name (City, Township, Village, etc.)		Village of New Glarus				
PLSS	Town	T4N				
	Range	R7E				
	Section	14, 15, 23, 24				
	Quarter					
	Quarter-Quarter					
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer, SWDV)		42 Degrees 49' 2" N				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)		89 Degrees 38' 7" W				
Property Owner(s)	Name	N/A				
	Mailing address	N/A				
Site address (Not mailing address)		N/A				

BUREAU OF WATER QUALITY MONITORING

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3. Summary of Results

- A. Performance Standards and Prohibitions and Other Water Resources Management Priorities
For grants issued in calendar year 2006 or later, complete Tables A and B (following) consistent with the entries on your grant application.

TABLE A. PERFORMANCE STANDARDS AND PROHIBITIONS (per ch. NR 151, Wis. Adm. Code, effective October 1, 2002)

Performance Standard or Prohibition	Units of Measure	Quantity	Measurement Method Used
Sheet, rill and wind erosion	Acres meeting T		
Manure Storage Facilities: New Construction/Alterations	Number of facilities		
	Number of animal units		
Manure Storage Facilities: Closure	Number of facilities		
Manure Storage Facilities: Filling/Leaking Facilities	Number of facilities		
	Number of animal units		
Clean Water Diversions in WQMA	Pollutant load reduction		
	Number of farms with diversions		
	Number animal units		
Nutrient Management on Agricultural Land	Acres planned		
Prohibition: Manure Storage Overflow	Number of facilities		
	Number of animal units		
Prohibition: Unconfined Manure Pile in WQMA	Number of farms		
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction		
	Number of facilities		
	Number of animal units		
Prohibition: Unlimited Livestock Access	Feet of bank protected		
	Number of farms		
Urban: 20-40% Reduction in Total Suspended Solids (TSS)	Pounds TSS reduced		
	% TSS reduction		

TABLE B. OTHER WATER RESOURCES MANAGEMENT PRIORITIES

I. Agricultural Areas	Units of Measure	Quantity	Measurement Method Used
Buffers	Feet of bank protected		
	Number of farms		
Streambank	Tons of bank erosion reduced		
	Feet of bank protected		
Other (specify)			
II. Developed Urban Areas	Units of Measure	Quantity	Measurement Method Used
Urban: 20-40% Reduction in TSS	Pounds TSS reduced		
	% TSS reduction		
Infiltration	% Pre-development stay-on volume		
	Cubic feet stay-on volume		
Peak flow discharge	Change in cubic feet per second		
Protective areas	Feet of bank protected		
Fueling & maintenance areas	Oily sheen presence		
Streambank	Tons of bank erosion reduced		
	Feet of bank protected		
Other (specify)			
III. Planning	Units of Measure	Quantity	Measurement Method Used
Quantify how implementation of the planning project decreased storm water impacts on state waters (<i>i.e.</i> , storm water plan, I & E plan, <i>etc.</i>)	Municipalities planned for	1	Count
	Acres planned for	922	Measured
Document/track progress made in implementing the planning product (<i>i.e.</i> , ordinance, utility district evaluation/formation, storm water management plan information & education, <i>etc.</i>)	Municipalities planned for	1	Count
	Acres planned for	922	Measured

Other (specify)			
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B. Project Results Narrative

This project satisfies all items as identified in the DNR-approved Professional Services Contract between the Village of New Glarus and Strand Associates. This project resulted in creation of supporting data for creation of a Stormwater Utility District in the Village of New Glarus. Supporting data included a Feasibility Study, including analysis of stormwater costs and funding alternatives, as well as measurement of all nonresidential impervious areas and typical residential impervious areas. Based on this data, estimates were made of Equivalent Runoff Units and probable rates per ERU's. The Feasibility Study was approved by the Village Board in August 2007. Along with guidance from a Stormwater Utility Task Force, a draft stormwater utility ordinance and credit policy were developed. In December 2008, the Village Board passed a resolution to adopt the Stormwater Utility. It is anticipated that the Village Board will formally adopt the Stormwater Utility Ordinance in the spring of 2009 and begin billing in January 2010. Adoption of the stormwater utility, along with recent adoption of Stormwater Management and Erosion Control Ordinances provide a basis for future stormwater management planning and enforcement activities by the Village of New Glarus. These programs will provide increased protection to water resources in the Sugar-Pecatonica Basin, including the Little Sugar River and Legler School Branch.

4. Satisfaction of Notice Requirements (if applicable)

If cost sharing for this project was offered under a formal notice to achieve compliance with performance standards or prohibitions, provide information for each notice in the table below.

Notice Information				Notice Satisfaction Information		
Notice Type	Issue Date	From (Name)	To (Name)	Satisfied?		Date Letter Sent
				Yes	No	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	

5. Summary of Project Challenges

Challenges included getting political and public support which is typical of stormwater utility formation. These challenges included educating the public and elected officials of the need for a stormwater utility. Also, providing the public with an understanding that the proposed utility is primarily a shift in the method of funding stormwater management improvements and not a "new tax" was also challenging.

6. Additional Information about the Project (optional)

7. Final Product(s) -- All Projects

A. Construction Projects

- ☐ A.1. Checking here indicates that a printed copy of project plans and specifications was sent to your DNR Regional Nonpoint Source Coordinator.
- ☐ A.2. Checking here indicates that photo-documentation of the project's construction is attached.

B. Planning Projects

- ☒ B.1. Checking here indicates that a printed copy of the planning product (e.g., plans, ordinances, analyses) was sent to your DNR Regional Nonpoint Source Coordinator.
- ☒ B.2. Checking here indicates that the Regional Nonpoint Source Coordinator has approved the final Planning Product(s).
- ☒ B.3. Checking here indicates that your governmental unit has adopted the final Planning Product(s).

Name of Planning Document(s)	Date(s) effective	Date Submitted to NPS Coordinator
Stormwater Utility Feasibility Study	4/2007	11/27/2007

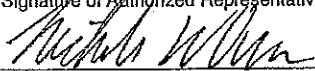
8. Grantee Certification

☒ Checking here certifies that, to the best of your knowledge, the information contained in this report is correct and true.

Type or print Name and Title of Authorized Representative certifying here.

Nicholas Owen, Village Administrator

Signature of Authorized Representative



Date

2/18/09

9. FOR DEPARTMENTAL USE ONLY

REGIONAL NONPOINT COORDINATOR -- Please complete the following:

☐ Checking here indicates that you received either planning or construction plans and specifications from the project sponsor, as appropriate. Attach a copy of the approval.

☐ Checking here indicates that you approved the final construction. Attach a copy of the final construction approval.

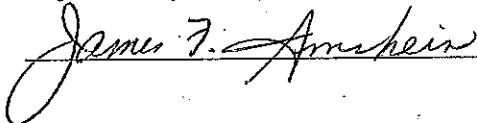
☒ Checking here indicates that you have approved the final Planning Product(s).

☒ Check here if two (2) signed, original copies of the Final Report and attachments have been sent to Runoff Management Section Grants Coordinator. Note: Regional Nonpoint Source Coordinator may retain one (1) copy of the signed, original Final Report.

Type or print Name of Regional Nonpoint Coordinator

James F. Amrhein

Signature of Regional Nonpoint Coordinator



Date

5/6/09

Wisconsin Department of Natural Resources

**Urban Nonpoint Source & Storm Water Grant & Targeted Runoff Management
Grant Programs**

QUARTERLY PROGRESS REPORT

9/30/2008 through 12/31/08 Village of New Glarus
Period Covered **Grantee Name**

USP – SP14-23161-06
Grant No.

Name of Project (As shown on Grant): Stormwater Utility Creation Project

Activities/Progress to Date

Have you submitted your quarterly reimbursement request?	<input checked="" type="checkbox"/> Yes	No
Generally, do you consider this project to be on schedule?	<input checked="" type="checkbox"/> Yes	No

Permit Requirements (if applicable)

Is a Chapter 30 permit or Water Quality Certification required?	Yes	<input checked="" type="checkbox"/> No
If yes, have you obtained the permit?	Yes	No
Is a NR 216 construction site erosion permit needed?	Yes	<input checked="" type="checkbox"/> No
If yes, have you obtained the permit?	Yes	No

Selection and Hiring of Consultant or Contractor

Are you hiring a consultant/contractor to perform work?	<input checked="" type="checkbox"/> Yes	No
If yes, has DNR approved bid documents?	Yes	No
If yes, has the DNR evaluated bid tabulations?	<input checked="" type="checkbox"/> Yes	No
If yes, have you awarded the contract?	<input checked="" type="checkbox"/> Yes	No
Has pre-construction meeting been held?	Yes	No

Substantive Progress for this Project

☐ 10% ☐ 50% ☒ 90% ☒ 100%

Review and Approval of Completed Work

Has DNR performed a final site inspection?	Yes	<input checked="" type="checkbox"/> No
Has DNR reviewed final plan document	<input checked="" type="checkbox"/> Yes	No
Has the Community or consultant given final approval?	<input checked="" type="checkbox"/> Yes	No

Final Billing

Have you requested reimbursement for retainage?	<input checked="" type="checkbox"/> Yes	No
(Only through the completion of the Feasibility Study)		
Have you submitted final reimbursement billing to DNR?	<input checked="" type="checkbox"/> Yes	No

Additional Progress Information for This Project

(Please use the space on the back of this form)

Mr. Nicholas Owen, Administrator nowen@admin.vil.new-glarus.wi.us (608) 527-2062

Grantee Contact

e-mail

Phone #

Please send a copy to the DNR project manager listed on your grant and one to Tim Parsons at the DNR email address: Timothy.Parsons@dnr.state.wi.us or [fax # = (608) 267-0496]

Wisconsin Department of Natural Resources

Urban Nonpoint Source & Storm Water Grant & Targeted Runoff Management Grant Programs

QUARTERLY PROGRESS REPORT NARRATIVE

Problems/Delays/Modifications/Budget Changes for Project

We have requested a one-year extension on the grant (to the end of 2008). This allowed for sufficient time to complete the stormwater utility implementation activities, including task force meetings.

Narrative Update

On April 28, 2006, we received approval from Jim Amrhein for the scope of services for the project. Strand Associates, Inc. received notice to proceed with the project shortly thereafter. Project tasks performed to date are as follows:

- Measurement of impervious areas in the Village using GIS
- Preliminary development of stormwater utility rate structure
- Development of current and anticipated future stormwater program costs
- Development of final Stormwater Utility Feasibility Report and submittal to Village Staff for review
- Final Stormwater Utility Feasibility Report formally presented to Village Public Works Board and at Village Board Meeting.
- Village Board unanimously approved to continue with Stormwater Utility implementation activities, including formation of a Task Force.
- Formation of Task Force took place in early 2008.
- Six task force meetings were held beginning on April 8, 2008 and the final task force meeting taking place on September 17, 2008.
- The findings of the task force were summarized and presented to the Village Board on November 5, 2008. Of the six members on the task force, four recommended adoption of the stormwater utility. A summary of the findings of the stormwater utility task force are attached.
- All stormwater utility implementation activities have been completed including: creation of the billing database, creation of an impervious area map book, development of a final rate structure, drafting a credit and adjustment policy, creating a draft stormwater utility ordinance, and development of a 5-year stormwater utility operating budget.
- The Village Board passed a resolution at its December 3, 2008 Board meeting to create the stormwater utility. Formal adoption of the Stormwater Utility Ordinance will likely occur in early 2009.

Project: Stormwater Utility

Period - Req. #	Cost	State Share (60%)	State Share Requested (30%)	State Share Retained Until Final Reimbursement (30%)	Local Share (40%)
Request #1 01/01/06 thru 09/30/06	\$1,723.74	\$1,034.24	\$517.12	\$517.12**	\$689.50
Request #2 9/30/06 thru 12/31/06	\$4,624.97	\$2,774.98	\$1,387.49	\$1,387.49**	\$1,849.98
Request #3 1/01/07 thru 3/31/07	\$4,449.08	\$2,669.45	\$1,334.72	\$1,334.73**	\$1,779.63
Request #4 4/01/07 thru 9/30/07	\$5,205.32	\$3,123.19	\$1,561.60	\$1,561.59**	\$2,082.13
Request #5 10/1/07 thru 9/30/08	\$11,906.74	\$7,144.04	\$3,572.02	\$3,572.02*	\$4,762.70
Request #6 10/1/08 thru 1/31/09	\$3,403.84	\$2,042.30	\$1,021.16	\$1,021.15*	\$1,361.54
TOTAL Thru 1/31/09	\$31,313.69	\$18,788.21	\$8,372.96	\$8,372.95	\$11,163.94
Budget Not Used	\$186.31	\$111.79	\$55.89	\$55.89	\$74.52
TOTAL	\$31,500.00	\$18,900.00	\$9,450.00	\$9,450.00	\$12,600.00

** Paid 30% Retainage for Feasibility Study Included as part of Request #4

* Paid 30% Retainage for Implementation Included as part of Request #6

Final Reimbursement Amount, including retainage = \$5,614.32